

Aquatic Invertebrate Data Sheet

Leech Lake Town of Bracebridge

Common Name	Site 1 ^R						Site 2			Scientific Name
	2006			2007			2009			
	1	2	3	1	2	3	1	2	3	
Hydras										Coelenterata
Flatworms										Turbellaria
Roundworms	6	7	22							Nematoda
Aquatic Earthworms					2			1	1	Oligochaeta
Leeches	1				2		1	1		Hirudinaea
Sow Bugs										Isopoda
Clams	2	5	1	2		3	1			Pelecypoda
Fairy Shrimp	46	37	54	65	52	37	190	120	171	Amphipoda
Crayfish										Decapoda
Mites	3	5	10	2	1	1	1		2	Hydracarina
Mayflies	1	2	3			1	5	1		Ephemeroptera
Dragonflies	13	13	23	7	3	2	2			Anisoptera
Damselflies	3	2	5	1				1		Zygoptera
Stoneflies										Plecoptera
True Bugs		1								Hemiptera
Fishflies & Alderflies	2	1	2				1			Megaloptera
Caddisflies	2	3	7	1	1	2	9	6	8	Trichoptera
Aquatic Moths										Lepidoptera
Beetles		5	1				6	2	1	Coleoptera
Snails & Limpets	8	18	9	3	7	19	1	2		Gastropoda
Midges	29	8	6	13	18	23	9	4	3	Chironomidae
Horse & Deer Flies										Tabanidae
Mosquitos										Culicidae
No-see-ums	1	1		5	9	5		1	2	Ceratopogonidae
Craneflies										Tipulidae
Blackflies										Simuliidae
Misc. True Flies										Misc. Diptera
Total Count	111	108	143	99	95	93	226	139	188	
Number of Taxa	12	14	12	9	9	9	11	10	7	
Richness		15			12			14		Muskoka Average * 13
% EOT		21			6			6		26
% Chironimids		12			19			3		12
% Predators		25			13			4		24
% Shredders		3			1			4		2
% Collectors/Gatherers		51			74			91		69
Hilsenhoff Index		6.01			6.28			5.92		5.99

R = Reference Site

* The Muskoka Average is based on 73 samples collected at 44 reference sites between 2004 to 2008. Reference sites from five mesotrophic and nineteen oligotrophic lakes throughout Muskoka were used.